

**REMARKS**

Applicant wishes to thank the Examiner for considering the present application. In the Office Action dated May 16, 2005, claims 1-15 are pending in the application.

Claims 13-15 stand rejected the judicially created doctrine of obviousness-type double patenting as being unpatentable over Claim 1 of U.S. Patent 6,684,182. Applicant respectfully traverses.

Claims 1-15 stand rejected under 35 U.S.C. §102(e) as being patentable by *Gold* (6,684,182). Applicant respectfully traverses.

Applicant admits there are many similarities between the present application and the *Gold* reference. That is, the *Gold* reference has a similar inventor to that of the present application, namely, Jeffrey J. Gold.

The claims were amended previously to highlight the simulation idea and the port idea. Claim 1 is directed to a method of simulating the operation of a spacecraft that includes requesting a connection to one a plurality of simulated ground stations, generating range server name, in response to the range server name, generating server location parameters and instantiating a range server dedicated to a single ground station. The method further includes calculating the range data for each of the plurality of simulated ground stations and providing the range data for one of the plurality of simulated ground stations. The Examiner is directed to page 2 of the present application which describes the need for the present system. This paragraph states that there is a need to simulate the operation of various ranging and antenna systems at various times to provide a complete simulation of the system. Ranging is performed in an actual application by two or more ground stations that are used to improve the determination of the position of the spacecraft.

Applicant respectfully submits that no teaching or suggestion is found for a ranging-type system. That is, a careful study of Fig. 1 of the present application compared to Fig. 1 of the *Gold* reference clearly shows the ranging telemetry command tracking client 46.

As can be seen, this is not found in the previous *Gold* reference. Likewise, it would not have been obvious to include such a device in the previous system. There was no teaching or suggestion for a range server. The *Gold* reference was directed to a system for emulating both attitude control subsystem and the non-attitude control subsystem but was not directed to simulating range service in such a system. In fact, there is no teaching or suggestion for a range server anywhere in the *Gold* reference. Applicant therefore respectfully submits that because a range server is specifically set forth in the present claims, the *Gold* reference does not anticipate any of the claims of the present application. Likewise, Claims 13 and 15 are also not obvious over Claim 1 of the *Gold* reference since no teaching or suggestion is found for a range server. Applicant therefore respectfully requests the Examiner to reconsider the rejections set forth in this Office Action.

In light of the above remarks, applicant submits that all rejections are now overcome. The application is now in condition for allowance and expeditious notice thereof is earnestly solicited. Should the Examiner have any questions or comments which would place the application in better condition for allowance, he is respectfully requested to call the undersigned attorney. Please charge any fees required in the filing of this amendment to Deposit Account No. 50-0476.

Respectfully submitted,



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